

### EXAMINER'S AMENDMENT

#### *Priority*

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

#### *Drawings*

2. The drawings were received on 10/24/2011. These drawings are accepted.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James Livingston, Jr. (55,394) on 2/1/2012.

#### **In the claims:**

The application has been amended as follows:

Claim 21 (Currently Amended):

On line 9, replace the words "N is odd" with "N is an odd integer".

4. The following is an examiner's statement of reasons for allowance: The Prior art teaches an RFID tag device comprising a divided microstrip antenna, a power receiving circuit based on a combination of a stub resonance-based, impedance transformation RF boosting

Art Unit: 2612

scheme and a ladder boosting/rectifying scheme, and a local oscillator circuit for generating a response subcarrier signal from the tag. The prior art does not specifically teach a divided microstrip antenna having three-terminal structure in which a receiving terminal and a replying terminal are divided, the microstrip antenna comprised of a GND board and a strip conductor to divide the strip conductor in the direction of the length; a power receiving circuit based on a combination of a stub resonance-based impedance transformation RF boosting scheme which resonates a  $N\lambda/4$  short stub (where N is an odd integer) and a capacitance in series, and a ladder boosting/rectifying scheme which eliminates input grounded diode in order to operate boosting and rectifying in a condition of DC short by a stub of a Cockcroft- Walton circuit.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RUFUS POINT whose telephone number is (571)270-7510. The examiner can normally be reached on Mon-Fri 800-1700EST Every Other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on (571)272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

Art Unit: 2612

applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/RUFUS POINT/

Examiner, Art Unit 2612

/DANIEL WU/

Supervisory Patent Examiner, Art Unit 2612